

# Dominik Franjo Dominkovic

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2765047/publications.pdf>

Version: 2024-02-01

21  
papers

1,081  
citations

471509

17  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1208  
citing authors

#	ARTICLE	IF	CITATIONS
1	The future of transportation in sustainable energy systems: Opportunities and barriers in a clean energy transition. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 1823-1838.	16.4	218
2	Zero carbon energy system of South East Europe in 2050. <i>Applied Energy</i> , 2016, 184, 1517-1528.	10.1	156
3	Flexible Carbon Capture and Utilization technologies in future energy systems and the utilization pathways of captured CO <sub>2</sub> . <i>Renewable and Sustainable Energy Reviews</i> , 2019, 114, 109338.	16.4	136
4	Utilizing thermal building mass for storage in district heating systems: Combined building level simulations and system level optimization. <i>Energy</i> , 2018, 153, 949-966.	8.8	80
5	A hybrid optimization model of biomass trigeneration system combined with pit thermal energy storage. <i>Energy Conversion and Management</i> , 2015, 104, 90-99.	9.2	52
6	Potential of district cooling in hot and humid climates. <i>Applied Energy</i> , 2017, 208, 49-61.	10.1	50
7	Renewable Energy Communities: Optimal sizing and distribution grid impact of photo-voltaics and battery storage. <i>Applied Energy</i> , 2021, 301, 117408.	10.1	45
8	On the way towards smart energy supply in cities: The impact of interconnecting geographically distributed district heating grids on the energy system. <i>Energy</i> , 2017, 137, 941-960.	8.8	43
9	Modelling smart energy systems in tropical regions. <i>Energy</i> , 2018, 155, 592-609.	8.8	43
10	Waste to energy plant operation under the influence of market and legislation conditioned changes. <i>Energy</i> , 2017, 137, 1119-1129.	8.8	41
11	Integrated Energy Planning with a High Share of Variable Renewable Energy Sources for a Caribbean Island. <i>Energies</i> , 2018, 11, 2193.	3.1	31
12	Technical, economic and environmental optimization of district heating expansion in an urban agglomeration. <i>Energy</i> , 2020, 197, 117243.	8.8	30
13	Implementing flexibility into energy planning models: Soft-linking of a high-level energy planning model and a short-term operational model. <i>Applied Energy</i> , 2020, 260, 114292.	10.1	27
14	Influence of different technologies on dynamic pricing in district heating systems: Comparative case studies. <i>Energy</i> , 2018, 153, 136-148.	8.8	26
15	Economic feasibility of CHP facilities fueled by biomass from unused agriculture land: Case of Croatia. <i>Energy Conversion and Management</i> , 2016, 125, 222-229.	9.2	23
16	On the value and potential of demand response in the smart island archipelago. <i>Renewable Energy</i> , 2021, 176, 153-168.	8.9	20
17	Reviewing two decades of energy system analysis with bibliometrics. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 153, 111749.	16.4	19
18	District Cooling Versus Individual Cooling in Urban Energy Systems: The Impact of District Energy Share in Cities on the Optimal Storage Sizing. <i>Energies</i> , 2019, 12, 407.	3.1	17

#	ARTICLE	IF	CITATIONS
19	An expert survey to assess the current status and future challenges of energy system analysis. Smart Energy, 2021, 4, 100057.	5.7	11
20	Use of smart meters as feedback for district heating temperature control. Energy Reports, 2021, 7, 213-221.	5.1	7
21	Frigg: Soft-linking energy system and demand response models. Applied Energy, 2022, 317, 119074.	10.1	6